GCACCCATGGCAGAAGGAGGAGGGCAGAATCATCACGAAGTGGTGAAGTTC
ATGGATGTCTATCAGCGCAGCTACTGCCATCCAATCGAGACCCTGGTGGACA
TCTTCCAGGAGTACCCTGATGAGATCGAGTACATCTTCAAGCCATCCTGTGTG
CCCCTGATGCGATGCGGGGGCTGCTGCAATGACGAGGGCCTGGAGTGTGTGC
CCACTGAGGAGTCCAACATCACCATGCAGATTATGCGGATCAAACCTCACCA
AGGCCAGCACATAGGAGAGATGAGCTTCCTACAGCACAACAAATGTGAATGC
AGACCAAAGAAAGATAGAGCAAGACAAGAAAAAAAATCAGTTCGAGGAAA
GGGAAAGGGGCAAAAACGAAAGCGCAAGAAATCCCGGTATAAGTCCTGGAG
CGTATGTGACAAGCCGAGGCGGTGA

**Fig. 1a**

GCACCCATGGCAGAAGGAGGAGGGCAGAATCATCACGAAGTGGTGAAGTTC
ATGGATGTCTATCAGCGCAGCTACTGCCATCCAATCGAGACCCTGGTGGACA
TCTTCCAGGAGTACCCTGATGAGATCGAGTACATCTTCAAGCCATCCTGTGTG
CCCCTGATGCGATGCGGGGGCTGCTGCAATAGCGAGATGAGAGAGTGTGTGC
CCACTGAGGAGTCCAACATCACCATGCAGATTATGCGGATCAAACCTCACCA
AGGCCAGCACATAGGAGAGATGAGCTTCCTACAGCACAACAAATGTGAATGC
AGACCAAAGAAAGATAGAGCAAGACAAGAAAAAAAATCAGTTCGAGGAAA
GGGAAAGGGGCAAAAACGAAAGCGCAAGAAATCCCGGTATAAGTCCTGGAG
CGTATGTGACAAGCCGAGGCGGTGA

**Fig. 1b**

1-APMAEGGGQNHHEVVKFMDVYQRSYCHPIETLVDIFQEYPDEIEYIFKPSCVPL

55-MRCGGCCN<u>DEGL</u>ECVPTEESNITMQIMRIKPHQGQHIGEMSFLQHNKCECRP

107-KKDRARQEKKSVRGKGKGQKRKRKKSRYKSWSVCDKPRR

## Fig. 2a

1-APMAEGGGQNHHEVVKFMDVYQRSYCHPIETLVDIFQEYPDEIEYIFKPSCVPL

55-MRCGGCCN<u>SEMR</u>ECVPTEESNITMQIMRIKPHQGQHIGEMSFLQHNKCECRP

107-KKDRARQEKKSVRGKGKGQKRKRKKSRYKSWSVCDKPRR

## Fig. 2b